

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: N. Krause et al.	)	
	)	
Serial No.: To be Assigned	)	Group Art Unit: To be Assigned
	)	
Filed: To be Assigned	)	Examiner: To be Assigned
	)	
For: <i>Computer-Aided Bone Distraction</i>	)	Attorney Docket No.: CMV-005.03
	)	(23650-503)

Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56 and 1.97**

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their Attorney in compliance with the requirements of 37 C.F.R. § 1.56. Applicants respectfully request that the Examiner consider the listed documents and indicate they were considered by making appropriate notations on the attached Form PTO-1449.

Copies of the references are not provided as they were previously cited by or submitted to the office in prior patent application serial no. 09/545,685, filed April 7, 2000, and relied upon for an earlier filing date under 35 U.S.C. §120.

In compliance with the requirements of 37 C.F.R. §§ 1.56 and 1.97, Applicants have cited for the Examiner's consideration co-pending U.S. patent applications that are owned at least in part by the assignee of this application and that describe subject matter related to the present application. The co-pending applications are listed herewith in accordance with M.P.E.P. 609 III.D which states: "Applicants may wish to list U.S. patent application numbers on other than Form PTO-1449 or PTO/SB/08A format to avoid the application numbers of pending applications being published on the patent. If a citation is not printed on the patent but has been

considered by the Examiner in accordance with this section, the patented file will reflect that fact as noted in subsection III.C(2) above.”

No copies of the co-pending applications have been provided. If the Examiner wishes to have copies of the co-pending applications, the Examiner should contact the Attorney of record.

Our Docket #	Serial #	Date Filed	Title
CMV-005.01	09/694,665	October 23, 2000	Computer-Aided Orthopedic Surgery
CMV-005.02	09/545,685	April 7, 2000	Computer-Aided Bone Distraction
CMV-005.04	To be Assigned	On or about August 6, 2003	Computer-Aided Orthopedic Surgery

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that the cited documents are material or constitute “prior art.” If the Examiner applies the listed documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute prior art under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicant further reserves the right to take appropriate action to establish the patentability of the claimed subject matter over the listed documents, should one or more of the referenced documents be applied against the claims of the present application.

No fee is believed due. If a fee is occasioned or if extensions of time are necessary, please charge any fee deficiency or credit any overpayment to Deposit Account, No. 06-1448, Ref. CMV-005.03.

Respectfully Submitted,



Kevin A. Oliver  
Reg. No. 42,049

Date: August 7, 2003  
**Customer No: 25181**  
 Patent Group  
 Foley Hoag LLP  
 155 Seaport Blvd.  
 Boston, MA 02110  
 Tel. (617) 832-1000  
 Fax (617) 832-7000

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
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*(Use several sheets if necessary)*
Docket Number (Optional)  
CMV-005.03 (23650-503)Application Number  
To be AssignedApplicant  
N. Krause et al.Filing Date  
HEREWITHGroup Art Unit  
To be Assigned**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,251,127	10/93	Raab		
	AB	5,279,309	01/18/94	Taylor, et al.		
	AC	5,526,812	06/18/96	Dumoulin et al.		
	AD	5,740,802	04/21/98	Nafis et al.		
	AE	5,749,362	05/12/98	Funda et al.		
	AF	5,765,561	06/16/98	Chen, et al.		
	AG	5,769,092	06/23/98	Williamson, Jr.		
	AH	5,799,055	08/25/98	Peshkin et al.		
	AI	5,806,518	09/15/98	Mittelstadt		
	AJ	5,824,085	10/20/98	Sahay et al.		
	AK	5,871,018	02/16/99	Delp et al.		

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages Etc.)*

AL	Abovitz, "Human-Interactive Medical Robotics," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)
AM	Barr, A. H., "Global and Local Deformations of Solid Primitives," <i>Computer Graphics</i> , Vol. 18:3, pp. 21-31 (July 1984)
AN	Barrick, et al., "TOSCO Technique of Orthopaedic Surgery Computer Assistance Iliosacral Screw Insertion," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
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<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AO	5,880,976	03/09/99	DiGiota, III, et al.				
	AP	5,970,499	10/19/99	Smith, et al.				
	AQ	5,995,738	11/30/99	DiGioia, III et al.				
	AR	6,100,862	08/08/00	Sullivan				
<b>OTHER DOCUMENTS</b> <span style="float: right;"><i>(Including Author, Title, Date, Pertinent Pages Etc.)</i></span>								
	AS	Bauer, et al., "Pitfalls in Robotic Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)						
	AT	Bauer, et al., "Primary and Revision THR Using the Robodoc System," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)						
	AU	Bauer, et al., "Rationale for the Development of a new Robotic System for Computer Assisted Orthopedic Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)						
	AV	Bauer, et al., "Robotics for Orthopedics," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)						
	AW	Boljevic, Z. et al., "Computer-Assisted Three-Dimensional Modelling for Definition and Correction of Deformities in Orthopaedic Surgery," <i>Proceedings of the International Conference on Information Technology Interfaces</i> , pp 357-364 (1993)						
	AX	Boone et al., "Analysis and Correction of Imperfections in the Image Intensifier - TV - Digitizer Imaging Chain," <i>Medical Physics</i> , Vol. 18:2 pp 236-242 (Mar/Apr 1991)						
	AY	Brack, et al., "Towards Accurate X-Ray Camera Calibration in Computer-Assisted Robotic Surgery," <i>Computer Assisted Radiology</i> , pp. 721-728 (1996)						
	AZ	Burkart, et al., "A Method to Determine Precision and Repeatability of Tunnel Placement for ACL Reconstruction: A Comparison of Robotic and Traditional Techniques," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)						
	BA	Caspersen, et al., "Characterization of Aberrations in Image-Intensified Fluoroscopy," <i>Medical Physics</i> , Vol. 3:2, pp. 103-107 (Mar/Apr 1976)						
	BB	Chakraborty, P., "Image Intensifier Distortion Correction," <i>Medical Physics</i> , Vol. 14:2, pp. 249-252 (Mar/Apr 1987)						
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<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>			
BC	Champleboux, et al., "From Accurate Range Imaging Sensor Calibration to Accurate Model-Based 3-D Object Localization," <i>IEEE</i> , pp 83-89 (1992)		
BD	Champleboux, et al., "Accurate Calibration of Cameras and Range Imaging Sensors: the NPBS Method," <i>IEEE</i> , pp 1552-1557 (1992)		
BE	Cherkashin, A.M. et al., "Interactive Ilizarov Database: An Electronic Patient Record for Orthopaedics, Proceedings Towards an Electronic Patient Record '96," <i>Twelfth International Symposium on the Creation of Electronic Health Record System and Global Conference on Patient Cards</i> , Vol. 2:13-18, pp. 293-295 (May, 1996)		
BF	Choi, et al., "Computer Assisted Fluoroscopic Targeting System with a Robotic Arm for Pedicle Screw Insertion," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
BG	Coquillart, S., "Extended Free-Form Deformation: A Sculpturing Tool for 3D Geometric Modeling," INRIA, Recherche, No. 1250, Programme 6, pp. 1-18 (June 1990)		
BH	Coquillart, S., "Extended Free-Form Deformation: A Sculpturing Tool for 3D Geometric Modeling," <i>Computer Graphics</i> , Vol. 24:4, pp. 187-196 (August 1990)		
BI	Debski, et al., "The Application of Robotics Technology to Joint Biomechanics Research," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
BJ	Decking, et al., "The Caspar System for Cementless THR: Surgical Technique and Early Results," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
BK	Delorme, S. et al, "Three Dimensional Modelling and Rendering of the Human Skeletal Trunk from 2D Radiographic Images," 3-D Digital Imaging and Modeling Proceedings, <i>Second International Conference on Ottawa, Ont., Canada, IEEE Comput. Soc.</i> , pp 497-505 (Oct. 4-8, 1999)		
BL	Delp, et al., "Computer Assisted Knee Replacement, Clinical Orthopaedics," Vol. 354, pp. 49-56 (September, 1998)		
BM	DiGioia III, et al., "Computer Assisted Orthopaedic Surgery," <i>Clinical Orthopaedics</i> , Vol. 354 (September, 1998)		
BN	DiGioia III, et al., "Image Guided Navigation System to Measure Intraoperatively Acetabular Implant Alignment," <i>Clinical Orthopaedics</i> , Vol. 355 (October, 1998)		
BO	DiGioia III, et al., "Computer-Assisted Tools and Interventional Technologies," <i>The Lancet</i> 2000, Vol. 354 (December, 1999)		
BP	DiGioia III, et al., "Acetabular Component Orientation Using Surgical Navigation Technologies," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
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<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>					
	BQ	DiGioia, et al., "Mini Incision THR Assisted with Surgical Navigation," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)			
	BR	DiGioia III, "Surgical Navigation and Image Guided Reconstructive Hip Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	BS	DiGioia III, et al., "Unreliability of Mechanical Acetabular Alignment Guides and Ways to Improve Alignment," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	BT	DiGioia III, "Minimally Invasive Joint Resurfacing: Merging Biologics with Computer Assisted Surgical Technologies," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	BU	Ellis, et al., "Planning and Guidance of Tibial Osteotomies: Clinical Results," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)			
	BV	Firoozbakhsh, et al., "Pelvis Image Guided Surgery Phantom Study," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	BW	Foley, et al., "Virtual Fluoroscopy: Multiplanar X-Ray Guidance with Minimal Radiation Exposure," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	BX	Foley, et al., "Virtual Fluoroscopy for Cervical Spine Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	BY	Fukuda, et al., "High and Low Payload-Robotic Systems to Study Knee Joint Function," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> , (June 15-17, 2002)			
	BZ	Gabriel, "MicroElectroMechanical Systems (MEMS)," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	CA	Gerhardt, et al., "Improved Quality Control in Total Hip Replacement by the Finite Element Method Based on Computer Assisted Preoperative Planning," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	CB	Gruetzner et al., "Virtual Fluoroscopy in Acute Treatment of Pelvic Ring Disruptions," presented <i>Fourth Annual North American Program on computer Assisted Surgery</i> (June 15-17, 2002)			
	CC	Hasselbach, Case Report: "Computer Assisted THR in a Girdlestone Hip with Malunion of the Femur," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	CD	Hasselbach, "A Failure Protocol of the First 100 Robodoc THR," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
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CE	Jaramaz, et al., "Role of Bone vs. Prosthetic Impingement in ROM Following THR," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CF	Jaramaz, et al., "HipNav Femur - Development of a Complete THR Application," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CG	Jaramaz, et al., "Variation in Radiographically Measured Cup Orientation," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CH	Jenny, et al., "Computer-Assisted Total Knee Prosthesis Implantation Without Pre-Operative Imaging," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)
CI	Kahler, "The Evolution of Computer Assisted Orthopaedic Surgery in Fracture Management," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CJ	Kahler, "Virtual Fluoroscopy: A Tool for Decreasing Radiation Exposure During Femoral Intramedullary Nailing," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CK	Kahler, et al., "Computer Guided Percutaneous Iliosacral Screw Fixation of Posterior Pelvic Ring Disruption Compared to Conventional Technique," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CL	Kim, Myoung-Hee, et al., "Tediagnosis System for Orthopedic Deformity Analysis Based on 3D Medical Imaging," <i>Proceedings of SPIE</i> , Vol. 3976:13-15, pp. 324-333 (February, 2000)
CM	Kothe, et al., "Computer Navigation of Parapedicular Screw Fixation in the Thoracic Spine," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CN	Krivonos, et al., "Minimal Invasive Surgery of the Pelvis Using Ultrasound," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CO	Kunz, et al., "Advanced Intraoperative Registration of Mechanical Limb Axes for Total Knee Arthroplasty Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)
CP	Kunz, et al., "A Novel Concept for Soft Tissue Balancing and Joint Line Navigation Criteria for Total Knee Arthroplasty," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)
CQ	Lahmer, et al., "Is Computer-Assisted Positioning of the Cup Necessary in Total Hip Replacement," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)
CR	Lawrence, C. et al., "User's Guide for CFSQP Version 2.3: A C Code for Solving (Large Scale) Constrained Nonlinear (Minimax) Optimization Problems, Generating Iterates Satisfying All Inequality Constraints," published by <i>the Electrical Engineering Department and the Institute for Systems Research, University of Maryland, College Park, Maryland 20742</i> , pp. 1-69 (1995)

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CS	Leenders, et al., "Reduction of Abduction Angle of Acetabular Cup Position Using Computer Assisted Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
CT	Lin, H. et al., "Computer-Assisted Surgery Planning for Lower Extremity Deformity Correction by the Ilizarov Method," <i>Journal of Image Guided Surgery</i> , Vol 1 pp. 103-108 (1995)		
CU	Lin, H., et al., "The Cross-Sectional Image Guided Ilizarov Frame Positioning for the Surgery Planning of Lower Extremity Deformity Correction," <i>Proceedings-19<sup>th</sup> International Conference IEEE/EMBS</i> , pp. 767-769 (October 30, 1997; November 2, 1997)		
CV	Long, et al., "3D Model of Long Bone from Two X-Ray Images By Matching with 2D/3D Database," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
CW	Luites, et al., "Computer-Assisted Anatomical Placement of a Double-Bundle ACL Through 3D Fitting or a Statistically Generated Femoral Template into Individual Knee Geometry," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
CX	Mallik, et al., "Optimizing Registration Accuracy in Computer Assisted Percutaneous Pelvic Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
CY	Malvisi, et al., "Milling Bone: Comparison of the Temperature Elevation and Clinical Performances During Cutting," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
CZ	Masuda, H. et al., "A Cell-Based Approach for Generating Solid Objects from Orthographic Projections," A <i>Research Report published by IBM Research, Tokyo Research Laboratory, IBM Japan, Ltd.</i> , pp. 1-29 (November 13, 1995)		
DA	Merloz, et al., "Computer-Assisted Surgical Navigation Using Fluoroscopy First Clinical Use in Spine Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DB	Messmer, et al., "Interactive Preoperative Planning of Internal Fixation on a Virtual 3D Model," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DC	Miehlke, et al., "Computer Integrated Instrumentation in Knee Arthroplasty, A Comparative Study of Conventional and Computerized Technique," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DD	Milner, et al., "Application of CT Image Guided Computer Assisted Surgical Technology in Placement of Distal Interlocking Screws," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DE	Muller, et al., "Computer Assisted Preoperative Planning System for Total Knee Replacement," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
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DF	Murphy, "Total Hip Arthroplasty with an Uncemented Femoral Component Using Intra-Operative Machining," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DG	Nakamura, et al., "Real Time Laser-Pointing Endoscope Using Galvano Scanner and 955FPS High Speed Camera," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DH	Navab et al., "Dynamic Geometrical Calibration for 3-D Cerebral Angiography," SPIE Vol. 2708, pp. 361-370.		
DI	Nikou, et al., "Hybrid Reality Visualization Devices," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DJ	Nikou, et al., "Augmented Reality Imaging Technology for Orthopaedic Surgery," <i>Operative Techniques in Orthopaedics</i> , Vol. 10:1 pp. 82-86 (January 2000)		
DK	Oh, B-S. et al., "Systematic Reconstruction of 3D Curvilinear Objects From Two-View Drawings," <i>Computers &amp; Graphics</i> , Vol. 23, pp. 343-352 (1999)		
DL	Paley, D. et al., "Ilizarov Technology," <i>Advances in Operative Orthopaedics</i> , Vol. 1, Mosby Year Book, Inc., pp. 243-287 (1993)		
DM	Pandya, et al., "The Application Accuracy of the Neuromate Robot - A Quantitative Comparison with Frameless Infrared and Frame-Based Surgical Localization Systems," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DN	Petermann, et al., "The Caspar-System (Computer Assisted Surgery Planning and Robotics) in the ACL Reconstruction Experiences, Preliminary Results and New Developments," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
DO	Picard, et al., Surgical Navigation: "No Pre-Operative Images Necessary," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DP	Picard, et al., "A Classification Proposal For Computer-Assisted Knee Systems," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DQ	Picard, et al., "Intraoperative Navigation For TKR: Location of a Rotational Center of the Knee and Hip," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DR	Picard, et al., "Computer-Assisted ALC Reconstruction System: Rational and Preliminary Results," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DS	Picard, et al., "Kneenav - TKR: Concept and Clinical Application," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)		
DT	Pichora, et al., Case Report: "A new Computer-Assisted Technique for Distal Radius Osteotomy," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)		
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	DU	Rampersaud, et al., "Radiation Exposure to the Spine Surgeon During Fluoroscopically-Assisted Pedicle Screw Insertion," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)	
	DV	Robertson, et al., "The Sensitivity of Carpal Bone Indices to Rotation Determined Using Digitally Reconstructed Radiographs," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)	
	DW	Rudin, et al., "Accurate Characterization of Image Intensifier Distortion," <i>Medical Physics</i> Vol. 18:6, pp. 1145-1151 (Nov/Dec 1991)	
	DX	Sanchez, et al., "A Computer Assisted Surgery System with Pre-Operative Navigation and Semi-Active Robotic Operation. Application to Traumatology and Orthopaedic Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)	
	DY	Sati, et al., "Considering Anatomic and Functional Factors in ACL Reconstruction: New Technology," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)	
	DZ	Sati, A Review: "Robotics and Navigation Systems for Reconstructive Ligament Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)	
	EA	Schreiner et al., "Accuracy Assessment of a Clinical Biplane Fluoroscope for Three-Dimensional Measurements and Targeting," <i>SPIE</i> , pp. 160 -166 (1997)	
	EB	Schueler, et al., "Correction of Image Intensifier Distortion for Three-Dimensional X-Ray Angiography," <i>SPIE</i> , Vol. 2432, pp. 272 - 279.	
	EC	Sederberg, T. et al., "Free-Form Deformation of Solid Geometric Models," presented at <i>SIGGRAPH '86 Proceedings, Dallas, Texas</i> , Vol. 20:4, pp. 151-160 (1986)	
	ED	Shin, B. et al., "Fast 3D Solid Model Reconstruction From Orthographic Views," <i>Computer-Aided Design</i> , Vol. 30:1, pp. 63-76 (1998)	
	EE	Simon, et al., "The Fundamentals of Virtual Fluoroscopy," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000).	
	EF	Simon, "A Framework to Evaluate Accuracy in CADs," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)	
	EG	Staubli, et al., "Surface Anatomy Based Realtime Navigation for ACL - Reconstruction," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2000)	
	EH	Staubli, et al., "Gender Specific Morphometric Surface Data for Computer Assisted ACL-Navigation," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)	
EXAMINER			DATE CONSIDERED
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Form PTO-1449		Docket Number (Optional) CMV-005.03 (23650-503)		Application Number To be Assigned	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Applicant N. Krause et al.			
		Filing Date HEREWITH		Group Art Unit To be Assigned	
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>					
	EI	Stockle, et al., "Virtual Fluoroscopy: Safe Zones for Pelvic Screw Fixations," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EJ	Stytz, M. R. et al., "Three-Dimensional Medical Imaging: Algorithms and Computer Systems," <i>ACM Computing Surveys</i> , Vol. 23:4, pp. 421-499 (Dec. 1991)			
	EK	Sugano, et al., "Optotrak Navigation for Birmingham Hip Resurfacing," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EL	Tamura, et al., "Registration Accuracy of Computer Aided Lumbar Spine Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EM	Taylor, "What does the Future Hold for the Next Generation of Medical Robotics," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EN	Tonet, et al., "An Augmented Reality Navigation System for Computer Assisted Arthroscopic Surgery of the Knee," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EO	Tonetti, et al., "Clinical Experience of Ultrasound Registration. Application to Percutaneous Iliosacral Screwing of the Pelvic Ring," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EP	Vandeveld, et al., "Computer Planning and Image Guided Placement of Pedicle Screws for Spinal Deformities," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	EQ	Vandeveld, et al., "The Use of Computer Assisted Technology for Navigation In Tumor Surgery," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	ER	Viceconti, M. et al., "A Software Simulation of Tibial Fracture Reduction with External Fixator," <i>Computer Methods and Programs in Biomedicine</i> , Vol. 40 pp. 89-94 (1993)			
	ES	Wiesel, et al., "Comparison of Hand-Broached Versus Robot-Assisted Total Hip Replacement," presented <i>Fourth Annual North American Program on Computer Assisted Orthopaedic Surgery</i> (June 15-17, 2002)			
	ET	Yan, Q-W. et al., "Efficient Algorithm for the Reconstruction of 3D Objects from Orthographic Projections," <i>Computer-Aided Design</i> , Vol. 26:9 (September 1994)			
	EU	Zdravkovic V., et al, "Computer-Assisted Preoperative Planning (CAPP) in Orthopaedic Surgery," <i>Computer Methods and Programs in Biomedicine</i> , 32(2): pp 141-146 (June 1990)			
	EV	Partial International Search Report, PCT Application Serial No. PCT/US 01/11272, February 27, 2002			
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